



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Christophe LELEU : File No.: 74.0241  
Ser. No. : 09/914,512 : Group:  
Int'l Appln No.: PCT/FR00/00484 : Examiner : Alvarado, W.  
Filed : February 25, 2000 : Date: January 15, 2002  
For : A METHOD AND APPARATUS  
FOR MEASURING THE  
PROPAGATION TIME OF A  
SIGNAL, IN PARTICULAR AN  
ULTRASOUND SIGNAL

CERTIFICATE OF FILING BY EXPRESS MAIL

I hereby certify that the attached amendment and associated documents are being deposited with the US Postal Service, in an envelope as Express Mail Post Office to Addressee service under 37 CFR 1.10, Mailing Label No. EL048487321US addressed to: Honorable Director of Patents and Trademarks, Washington, DC 20231, on January 15, 2002.

  
Inga L. Smith

  
Date Jan. 15, 2002

RESPONSE

U.S. Patent and Trademark Office  
P.O. Box 2327  
Box PCT  
Arlington, Virginia 22202

Sir:

The undersigned file this Response to the Examiner's Notification of Missing Requirements Under 35 U.S.C. 371 mailed October 12, 2001.

REMARKS

The Examining Attorney issued a 371 Formalities Letter, Notification of Missing Requirements in connection with the present pending patent application. The Examining

Attorney requires (1) the submission of an Oath or Declaration of the Inventor; and (2) the payment of \$130.00 surcharge for providing the Oath or Declaration.

1. Submission of Oath or Declaration of the Inventor.

In accordance with M.P.E.P. § 1.47(b), Schlumberger Industries, S.A., has filed a Petition and a Combined Declaration and Power of Attorney Signed by Person With Sufficient Proprietary Interest with the Office of Petitions in connection with this patent application. (Copy hereby attached).

2. Payment of Surcharge.

Authorization to charge Deposit Account No. 19-0095 in the amount of \$130.00 is hereby given to satisfy the requirement under 37 CFR 1.492(e) for payment of the surcharge.

CONCLUSION

The undersigned hereby states that the Response set forth above have fully answered and satisfied all of the requirements under 35 U.S.C. 371 and respectfully requests that the present patent application be allowed to continue the process to grant.

Respectfully submitted,



Leonard W. Pojunas  
Reg. No. 30,314

Schlumberger Resource Management Services, Inc.  
5430 Metric Place,  
Norcross, Georgia 30092  
(770) 417-3730



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 530.00

## Complete if Known

Application Number	09/914,512
Filing Date	02/25/2000
First Named Inventor	Christophe LELEU
Examiner Name	Winston M. Alvarado
Group Art Unit	
Attorney Docket No.	74.0241

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 19-0095  
Deposit Account Name: Schlumberger Industries, Inc.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	=
Independent Claims	-3** =	X	=
Multiple Dependent			=

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
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105	130	205	65	Surcharge - late filing fee or oath	130.00
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113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	400.00
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
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Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 530.00

## SUBMITTED BY

Name (Print/Type)	Leonard W. Pojunas	Registration No. (Attorney/Agent)	30,314	Telephone	770-417-3730
Signature	<i>Leonard W. Pojunas</i>	Date	15 Jan 2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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First Named Inventor	Christophe LELEU
Examiner Name	Winston M. Alvarado
Group Art Unit	
Attorney Docket No.	74.0241

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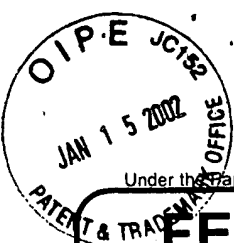
**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Leonard W. Pojunas	Registration No. (Attorney/Agent)	30,314	Telephone	770-417-3730
Signature		Date	15 Jan 2002		

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01-17-02

PTO/SB/17 (10-01)

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## SUBMITTED BY

Name (Print/Type)	Leonard W. Pojunas	Registration No. (Attorney/Agent)	30,314	Telephone	770-417-3730
Signature	<i>Subj...</i>	Date	15 Jan 2002		

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Technical Management/Industrial Property

**Schlumberger**

To: Christophe Leleu

7th October 1997

From: Maxime Petit

Reference: 74-241

Object: Invention Specification

cc: Luc Benoit

We acknowledge receipt on the 4th September 1997 of your invention specification entitled "Method for measuring sound" dated 29th August 1997.

In accordance with the intellectual property code, of which the relevant Sections L. 611-7 and 9 and R. 611-1 to 10 are reproduced on the back of this sheet, we classify your invention in the category of those inventions that are owned by the employer, namely so-called "service" inventions such as defined under paragraph I of section L. 611-7. More specifically, it appears that your invention has been made within the framework of your duties as a design engineer, carried out in the engineering department of the Water Energy & Thermal Development Division (Division Eau Energy Thermique) in Mâcon, and the works which has been assigned to you, relating to ultrasound thermal power counters.

Kindly notify us of your agreement by returning a duplicate of the present letter with the indication "read and approved" followed by your signature and date.

Intellectual Property Division

**RECEIVED**

**JAN 23 2002**

**OFFICE OF PETITIONS**

Handwritten indication "read and approved": \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name of the Inventor: \_\_\_\_\_